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नई दिल्ली, शनिवार, जनवरी 31, 1970 (माघ 11, 1891)
NEW DELHI, SATURDAY, JANUARY 31, 1970 (MAGHA 11, 1891)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह प्रलग संकलन के रूप में रखा जा सके
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

भाग III—खण्ड 2

PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित प्रसूचनाएं और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE

Patents and Designs

Calcutta, the 31st January 1970

Application for Patents

The dates shown in the crescent brackets are the dates claimed under Section 78A of the Act.

12th January 1970

- 124783. A. Salam. Improved fuel pump.
- 124784. M. V. Vasudevan. A self-locking hinge.
- 124785. G. K. Malhotra. Steel frame badminton rackets.
- 124786. Imperial Chemical Industries Limited. New reactive dyestuffs. (16th January 1969).
- 124787. National Research Development Corporation. Improvements in or relating to seed handling. (14th January 1969).
- 124788. Norton Company. Abrasive tool and manufacture thereof.
- 124789. Imperial Chemical Industries Limited. New reactive dyestuffs. (16th January 1969).
- 124790. Sulzer Brothers Limited. Improvements in or relating to steam power plants.
- 124791. Fuller Company. Heat exchange grate and support frame assembly.
- 124792. Universal Oil Products Company. Process for treating coal.
- 124793. Universal Oil Products Company. Method for the conversion of hydrocarbons.
- 124794. Borg-Warner Corporation. Halogenated norbornene-methanonaphthalene derivatives and method of preparing the same. [Divisional date 19th July 1968].
- 124795. Universal Oil Products Company. Supersonic jet fuel production.

L437GI/69.

- 124796. United Engineering and Foundry Company. Gauge control method for rolling mills and like apparatus.
- 124797. United Engineering and Foundry Company. Automatic gauge control of strip in rolling apparatus employing back-up roll bending.
- 124798. N. V. Philips Gloeilampenfabrieken. Colour television picture tube comprising a shadow mask.
- 124799. Sandoz Ltd. Improvements in or relating to organic compounds. (13th January 1969).
- 124800. Ilford Limited. Wet gate printer. (13th January 1969).
- 124801. Allen & Hanburys Limited. Phenethyl Alcohols. (13th January 1969).
- 124802. Y. C. Yuen and K. S. Yuen. Inflatable mattresses and cushions.
- 124803. Ciba Limited. Reinforced composites.
- 124804. AB Ludvig Svensson and N. R. Bergholtz. A method for treating textile material with a liquid as well as an apparatus for working the method.
- 124805. Dr. Bimalendra Nath Mojumder. Single-bell charging and distributing devices for blast furnaces and like shaft furnaces.
- 124806. Emhart Corporation. Triple gob mold holder arm construction.
- 124807. Emhart Corporation. Article inspection apparatus.
- 124808. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for the separation of acetylene from gases obtained by pyrolysis.
- 124809. Babcock & Wilcox Limited. Improvements relating to coiled tube banks. (10th January 1969).

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- 124810. K. G. Sadanandan. High pressure oil hydraulic pump.

124811. Godrej Soaps Private Limited, Manmohan Shankar Thakur and Dr. B. P. Godrej. Removal of colouring and odoriferous matter from undi (i.e., *calophyllum inophyllum*), khakan (i.e., *salvadora oleoides*), pisa (i.e., *actinodaphne hookeri*) and other inedible oils to make them suitable for use in commercial soaps.
124812. R. K. Engineering Enterprises Triptork torque wrench.
124813. V. Ram, O. P. Gupta and K. K. Aggarwal. Improvement in torches or batteries.
124814. The Dunlop Company Limited. Golf clubs.
124815. British Visqueen Limited. Valved sacks. (21st January 1969).
124816. Imperial Chemical Industries Limited. Improvements in or relating to the manufacture of chlorinated hydrocarbons. (22nd January 1969).
124817. Argus Chemical Corporation. Stabilization of polyvinyl chloride resins.
124818. Eli Lilly and Company. Pesticides containing substituted-5-pyrimidine compounds [Divisional date 18th April 1968].
124819. N. V. Philips Gloeilampenfabrieken. Flexible insulating foil having a pattern of conductive tracks.
124820. N. V. Philips Gloeilampenfabrieken. Switch box.
124821. N. V. Philips Gloeilampenfabrieken. Recording and/or playback apparatus.
124822. Sandoz Ltd. Process for the production of concentrated solutions of cationic dyes.
124823. Sandoz Ltd. Process for the production of concentrated solutions of cationic dyes.
124824. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for isolating carbon dioxide and acetylene from cracked gases. [Addition to No. 119452].
124825. Robert Bosch GMBH. Improvements in or relating to sparking plugs for internal combustion engines.
124826. Pirelli Società per Azioni. Method of manufacturing thin walled hollow bodies.
124827. Monsanto Company. Method and apparatus for optimizing cure time of elastomeric articles.
124828. N. V. Organon. Pharmaceutical preparation.
124829. G. D. Searle & Co. Dipeptide sweetening agents.
124830. Sandoz Ltd. Improvements in or relating to organic compounds. (15th January 1969).
124831. Merck & Co., Inc. Fermentation process.
124832. Merck & Co., Inc. Preparation of phosphonate antibiotics.
124833. K. Viswanatham. A differential sieve.
124834. Electrosin Corporation. Sliding radially clamping grip.
124835. Siemens Aktiengesellschaft. Process for the production of monocrystalline gallium arsenide rods by the horizontal boat method.
124836. Institut Organicheskoi Khimii Akademii Nauk USSR Imeni N. D. Zelinskogo. Process of producing a preparation of the enzyme elastase of microbial origin.
124837. Vsesojuzny nauchno-issledovatel'skij Institut avtomatizatsii chernoi metallurgii. Apparatus for controlling acceleration of electric drive of withdrawal rolls of continuous casting machine during starting period.
124838. Institut Avtomatiki i Telemekhaniki (tekhnicheskoi Kibernetiki). Fluid inverter device.
124839. Gosudarstvenny Vsesojuzny Nauchno-Issledovatel'skij Institut Stroitel'nykh Materialov i Konstruktsiy. A plant for hydrothermal treatment of articles from light-weight concrete and subsequent drying and cooling thereof.
124840. M. G. Kelkar. An improved design in the construction of distillation plants.
124841. Prof. P. R. Batni and V. D. Hukerikar. Automatic braking device for railway locomotives.
124842. Prof. P. R. Batni and V. D. Hukerikar. Unidirectional rotary systems.
124843. Imperial Chemical Industries Limited. Production of 1, 1, 1-trichloroethane. (23rd January 1969).
124844. The Dunlop Company Limited. Extrusion of convoluted material.
124845. K. Zängl. Vulcanising presses.
124846. Centre D'Etudes Experimentales & Cliniques De Physio-Biologie, De Pharmacologie Et D'Eutonologie C.E.P.B.E.P.E. New psychotropic medicaments and process for their preparation.
124847. P. J. Doanides. Prestressed coated concrete pipe and method of and apparatus for making same.
124848. G. D. Società in Accomandita Semplice di Enzo Seragnoli e Ariosto Seragnoli. A machine for forming and wrapping up individual articles, such as candles and other similar products, from a continuous plastics material web.
124849. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Water soluble monoazo dyestuffs, their metal complex compounds and process for their manufacture.
124850. E. Merck Aktiengesellschaft. A new azido-isothiazoles and with the preparation thereof.
124851. Knoll A. G. Chemische Fabriken. Δ 4, 20, 22-bufatrienolide-rhamnoside-acylates, - process for their preparation and composition containing same.
124852. S. G. Karullin, V. D. Arshinov, E. P. Chernyshev, K. A. Zhokhov and K. K. Yakhontov. Method of making filtering elements of filteres.
124853. F. Hoffmann-La Roche & Co., Aktiengesellschaft. Poultry feed.
124854. Electrosin Corporation. A radially clamping grip enabling the object being gripped to slide lengthwise.
124855. Air Products and Chemicals, Inc. Thiadiazolylurea derivatives and their use in agriculture.
124856. The Dixon Malt Company Limited and The Enzymic Malt Company Limited. Method of malting barley or other cereal, and malted barley or other cereal so prepared.
124857. The Upjohn Company. Process for the production of 16 α -alkyl-20-keto-steroids of the pregnane series.
124858. Ciba Limited. Process for the manufacture of peptides containing cystine.

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124859. Franz Plasser Bahnbaumaschinen. Track working apparatus with laser beam reference.
124860. M/s. Karamchand Premchand Private Limited. Process for the preparation of quinazolinone derivatives.
124861. Westinghouse Electric Corporation. Vertically adjustable counterbalancing suspension support apparatus.
124862. Orissa Cement Limited. Improved door and window frames.
124863. Asahi Kasei Kogyo Kabushiki Kaisha. Method for the cultivation of hydrocarbon consuming yeasts.
124864. Imperial Chemical Industries Limited. Spray-drying process. (27th January 1969).
124865. John Wyeth & Brother Limited. Hexahydroazepines. (28th January 1969).
124866. Kall-Chemie Aktiengesellschaft. 3-N-(2-hydroxy-3-phenoxypropyl)-amino-1-phenyl-1-propanone, its salts and method of preparing the same. (14th November 1969).
124867. J. V. Sarlo. A process for the manufacture of structural tubes of large dimensions in relatively short series.

124868. Mefina S. A. Sewing machine.
 124869. Dominion Foundries and Steel Limited. High speed railway trucks.
 124870. Ciba Limited. Process for the manufacture of new O-desacetoxy-7-N-acylamino-cephalosporanic acids.
 124871. A. E. Staley Manufacturing Company. Multi-color reproductions.
 124872. Aktiebolaget Svenska Kullagerfabriken. A sealing means for a transmission mechanism.
 124873. Murphy India Limited. Improvements in or relating to radio sets.

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124874. Mihir Kumar Adhikari. Improvements in or relating to cycle rickshaw.
 124875. Danfoss A/S. Control equipment for a flame-monitoring system.
 124876. Danfoss A/S. Hydraulic rotary-piston engine.
 124877. Uniroyal, Inc. Benzothiophene 1, 1-dioxide derivatives and method of preparing same.
 124878. Uniroyal, Inc. Benzothiophene-1, 1-dioxide derivatives as fungicides and bactericides.
 124879. The Goodyear Tire & Rubber Company. Improvements in polymerization of vinyl chloride using an in-situ initiator and a basic calcium compound as a buffer.
 124880. Triplex Safety Glass Company Limited. Improvements in the processing of laminated transparent panels. (24th January 1969).
 124881. International Flavors & Fragrances Inc. Novel sulfur-containing compositions and processes therefor.
 124882. Merck & Co., Inc. Preparation of cis-1, 2-epoxypropylphosphonates.
 124883. Merck & Co., Inc. Preparation of phosphonic derivatives.
 124884. Merck & Co., Inc. Fermentation process for preparing (—) cis-1, 2-epoxypropyl phosphonic acid.
 124885. The Dixon Malt Company Limited and The Enzymic Malt Company Limited. Malting apparatus.
 124886. The Dixon Malt Company Limited and The Enzymic Malt Company Limited. Process for the treatment of malt.
 124887. Ciba Limited. 2-benzoylimino-1, 3-diazacycloalkanes, process for their manufacture and compositions containing them.
 124888. Oak Electro/Netics Corp. Toggle switch.
 124889. Murphy India Limited. Improvements in or relating to radio sets.
 124890. Ciba Limited. New curable mixtures of polyglycidyl compounds, acid polyesters, aliphatic-cycloaliphatic dicarboxylic acids and polycarboxylic acid anhydrides.
 124891. Siemens Aktiengesellschaft. A cage for a squirrel-cage rotor.
 124892. Ferdinand Van Damme & Zonen. Process and apparatus for the industrial manufacture of fabrics, strips or ribbons and the so manufactured products.
 124893. Council of Scientific and Industrial Research. Process for the preparation of methyl bromide.

Alteration of Date

(I)

122720. The application has been deemed to have been filed on 31st July 1969 under Rules 3 and 5 of Indian Patents and Designs Rules, 1933.

(II)

124672. Ante-dated to 9th May 1968 under Section 5 of the Act.

124663. Ante-dated to 5th April 1968 under Section 5 of the Act.
 123753. Ante-dated to 17th April 1968 under Section 5 of the Act.
 123406. Ante-dated to 4th May 1968 under Section 5 of the Act.
 123405. Ante-dated to 4th May 1968 under Section 5 of the Act.
 122762. Ante-dated to 11th July 1968 under Section 5 of the Act.
 119511. The claim to priority date 23rd January 1968 has been abandoned and the application dated as of 24th January 1969, the date of filing in India.

Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patents office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

108275. Carlos Salvador Fernandez Diez De Sollano and Carlos Diez De Sollano Y Ortega. Process and apparatus for meal production of animal or vegetable matter or mineral matter having a high water content. Accepted on 7th January 1970.

Comminuting the matter and subjecting same to the influence of a stream of gas at a temperature of from 600 to 1300°C and dehydrating thereby, separating the matter from the gas, entraining the said matter in a stream of atmospheric air, separating the so-cooled matter and collecting the product.

111054. T. B. Wayne. Milling of cereal grains and processing of products derived therefrom. Accepted on 13th January 1970.

Comprises milling of the kernels in the presence of substantially non-aqueous volatile liquid organic solvent to initially effect a substantial degree of surface milling and size reduction to extract fatty components and to effect substantial separation of the bran and germ constituent.

114971. Sankyo Company Limited. Phenoxypyridazine derivatives and herbicidal compositions containing the same. Accepted on 15th December 1969.

Comprises 0.5 to 95% of phenoxypyridazine and an inert carrier material.

115086. Council of Scientific and Industrial Research. A process for the production of groundnuts fortified with essential amino acids. Accepted on 22nd December 1969.

By adjusting decuticled ground nut seeds to an optimum moisture level 6.0—6.5% by addition of water and mixing then pressing using hydraulic pressure.

115178. The Ansul Company. A herbicidal composition comprising a herbicidally active member selected from the group consisting of arsonic acid compounds for controlling the undesirable growth of weeds. Accepted on 27th December 1969.

Consisting of arsonic acid compounds and a known solid or liquid carrier or diluent therefor.

115300. Monsanto Company. Production of carboxylic acids and esters. Accepted on 5th January 1970.
Comprises contacting alkyl and aryl alcohols halides ester ethers with CO in the presence of rhodium component and a promoter selected from the group consisting of Br. I and compounds of said halogen and at temperature of at least 50°C.
115349. Geometrical Tools Mfg. Co., A tool-holder for machine tools such as, lathes or milling machines. Accepted on 12th January 1970.
Comprising metal casing, dovetail groove, worm, shafts, disc wheel hollow space, tool quarter gear wheel.
115380. G. D. Societa in Accomandita Semplice di Enzo Seragnoli e Ariosto Seragnoli. An automatic apparatus for the preparation and distribution of sheets of wrapping paper. Accepted on 12th January 1970.
Comprises at least one pair of rotating tangential surfaces, one surface having reliefs, and other having grooves, at least a pair of cutting edges, two parallel shafts.
115381. G. D. Societa in Accomandita Semplice di Enzo Seragnoli e Ariosto Seragnoli. A device for the cutting of a continuous strip at high speed. Accepted on 12th January 1970.
Comprising a pair of tangential cutting edges, two parallel shaft having different peripheral speeds.
115382. G. D. Societa in Accomandita Semplice di Enzo Seragnoli e Ariosto Seragnoli. A device for the pre-arrangement of the folding of the materials. Accepted on 12th January 1970.
Comprises at least one pair of rotating and tangential surfaces, one of the said surfaces having raised portions and the other of said surfaces having grooves.
115383. G. D. Societa in Accomandita Semplice di Enzo Seragnoli e Ariosto Seragnoli. An apparatus for the distribution of a succession of sheets of paper. Accepted on 12th January 1970.
Comprising a fixed hopper to receive a pile of sheets of paper, a moveable support base for said pile, circuit means for putting said support base in communication with a suction source.
115385. G. D. Societa in Accomandita Semplice di Enzo Seragnoli e Ariosto Seragnoli. An automatic machine for the conditioning of cigarettes into packets. Accepted on 12th January 1970.
Comprising hoppers, an apparatus feeding, translator members holding surfaces, parallel holding and support members and parallel folding members.
115386. G. D. Societa in Accomandita Semplice di Enzo Seragnoli e Ariosto Seragnoli. An automatic apparatus for drying of the clue and the transfer of packets of cigarettes and the like from the exit of a packaging machine. Accepted on 12th January 1970.
Comprises at least one column for receiving piles the pockets near the exit of machine, means for the introduction of the pockets to the base of column.
115390. Solar Thomson Engineering Company Limited. Improvements in or relating to belt conveyors. (12th April 1967). Accepted on 8th January 1970.
Comprising a carrier belt driven by an endless drive belt and support means for supporting the carrier belt in a longitudinally troughed configuration.
115399. Takeda Chemical Industries, Ltd. Bactericidal composition for agricultural use. Accepted on 8th January 1970.
Which comprises, as the active ingredient, at least a 2-substituted-1, 3, 4-thiadiazole-5-thiol or its salt in admixture with a diluent or carrier.
115405. M. S. Kang. Ground harvester and weed digger. Accepted on 7th January 1970.
Comprising a frame work carrying a heavy roller a frum, pusher blades, a sieve and a chamber behind the pusher blades.
115440. C. K. Menon. Improvement in and relating to the governor mechanism in an oil engine. Accepted on 16th January 1970.
Comprising a governor assembly with much lighter weights and directly mounted on the crank shaft of the engine.
115443. The Dunlop Company Limited. Method of making filamentary material. (20th April 1967). Accepted on 12th January 1970.
Which comprises heat setting a fully drawn tape of fibrillatable thermoplastic material under controlled conditions of relaxation.
115504. S. Jain, C. Srimal and K. Parekh. Containers. Accepted on 8th January 1970.
Characterised in that at least one of the said walls being threaded so as to receive similarly threaded portion of the said stem thereby securing the said stem to the said body without the aid of external member.
115631. Ferodo Limited. Friction materials. (15th May 1967). Accepted on 9th January 1970.
Wherein the binder is wholly or substantially wholly composed of metallic sulphide formed in situ the metallic sulphide consisting of iron sulphide formed by reaction of sulphur with iron powder or with lower iron sulphide, with or without copper sulphide formed by reaction of sulphur with copper powder or with cuprous sulphide.
115766. M. G. Kelkar. Improved device for protection of poly-phase motors etc. on account of failure in one of the phases in a poly phase supply. Accepted on 3rd January 1970.
Comprising one electromagnetic coil per phase carrying a plunger closing a top and bottom pair of contacts on energisation of the coil the coil being electrically interlinked with any one of the other coils of the other phases.
115865. E. I. du Pont de Nemours and Company. Hollow ceramic core a process for making the same and hollow metal ceramic composite structure comprising the same. Accepted on 12th January 1970.
Comprising a surface having up to a depth of at least between 100 and 2500 microns a porosity between 20 and 80%, the said surface porosity consists of a multiplicity of uniformly distributed pores ranging in size from 25 to 2500 microns.
115890. R. K. Limaye. Sugar-cane harvester. Accepted on 15th January 1970.
Camshaft drives alternately said adjustably mounted pair of cutter blades which are capable of moving sugarcane at a predetermined depth varying from 3" to 4" below the soil level.
115925. VEB Chemiefaserwerk Schwarza "Wilhelm Pleck". Device for spinning of multi-component threads and fibres. [Addition to No. 107368]. Accepted on 8th January 1970.
Characterised in that the inward screwing and drill holes of the spinneret have no partition.
115927. The Gillette Company. Method and apparatus for coating razor blades with metals to increase the shaving life thereof. Accepted on 13th January 1970.
The stacked razor blades having aligned sharpened edges are deposited with a thin metal film of thickness less than 600 Angstroms in a reduced pressure environment.
116055. Uguine Kuhlmann. Process for stabilisation of caprolactone in the presence of formic acid. (24th October 1967). Accepted on 8th January 1970.
Adding a salt of formic acid to the environment in which epsilon caprolactone is in presence of formic acid.
116204. Imperial Chemical Industries Limited. Polymerisation of ethylene to polyethylene and its copolymers. (9th June 1967). Accepted on 12th January 1970.

Contacting ethylene with an initiator comprising π -allylic compound of a transition metal of Group IV A of periodic table in presence of an activator comprising non-metallic halogen containing compound.

116235. Contraves AG. A method for the production of thermally insulating bodies of low specific gravity and high strength and form-stability on the basis of swelled foam material. [Addition to No. 109791] Accepted on 8th January 1970.

Wherein pulverulent material admixed to spheroid swelled foam granules replaced by fibrous material.

116312. United States Steel Corporation. Casting ferroalloys. Accepted on 12th January 1970.

Pouring a plurality of layers of molten ferroalloy into a confined area solidifying each preceding layer prior to pouring the succeeding layer to allow layering to allow creation of stresses which lead to fragmentation.

116504. E. I. du Pont de Nemours and Company. N, N'-bis (substituted carbamoyloxy) dithioloxalimides and compositions containing same. Accepted on 26th December 1969.

Comprising a nematocidally effect amount of N, N'-bis (substituted carbamoyloxy) dithioloxamides and a process inert diluent.

116547. Kiockner-Humboldt-Deutz Aktiengesellschaft. Cooler for hot lump material particularly for cement clinker. (17th April 1968). Accepted on 12th January 1970.

Characterized in that an adjustable transverse wall is mounted in the inlet section of the cooler which wall ends above the conveyor grate and forms with the other three walls a cooling shaft to which material is supplied.

116573. Tallinsky Politekhnikhesky Institut of Tallin. Printer's ink. Accepted on 16th January 1970.

Consists of resins, linseed, pentaphthalic or glyptal varnish or a mixture of said varnishes, the salts of higher carboxylic acids, pigments and solvents characterised in that the resin used is a carbinol resin.

116658. La Citrique Belge N. V. Powdered cleaning compositions and method of producing the same. (5th July 1967). Accepted on 5th January 1970.

Pyrolysing an alkaline earth citrate at 250 to 400°C and converting the unsaturated salt material to the corresponding acid material.

116680. W. Witschnig. Machine for dividing wooden parts into individual channel-shaped elements. Accepted on 7th January 1970.

A machine for dividing wooden parts, particularly trunks of trees, into individual channel-shaped elements, the outer and inner walls of which are part of circular cylinder surfaces.

116692. Gagliardi Research Corporation. Apparatus and vapour phase process for the production of textiles having wash-and-wear properties. Accepted on 8th January 1970.

Comprises a chamber carrying a movable closure for introducing textile articles, textile support means, gas vent means, gas circulation means, chamber heating means and vaporising means.

116728. Institut Francais Du Patrole. Des Carburants Et Lubrifiants. Process and apparatus for crystallization. Accepted on 9th January 1970.

Comprises cooling by direct thermal exchange with an immiscible liquid coolant, conducting the process in a vertical elongated zone having two ends and several stirred zones in which the liquid mixture and the coolant are stirred together to form crystals.

116735. Westinghouse Electric Corporation. Improved spring and shunt assembly for circuit interrupters. Accepted on 12th January 1970.

Comprising terminal means, fusible means, conducting rod, conducting member, tubular member, tripping means.

116736. Westinghouse Electric Corporation. High voltage circuit interrupter. Accepted on 12th January 1970.

Comprising insulating holder passage way, fusible means, terminal stationary contact means, pivotally supporting means, latching means and supporting means.

116753. Joseph Lucas (Industries) Limited. Diode units. (4th August 1967). Accepted on 8th January 1970.

Comprising a pair of conductive parts, between which a P-n semiconductor wafer is sandwiched, each of the parts being formed with a neck.

116755. Farbenfabriken Bayer Aktiengesellschaft. Process for the production of N-aryl ureas. Accepted on 12th January 1970.

Comprising in reacting an isocyanate with an amine in presence of diluent as water or inert organic solvent.

116782. Sperry Rand Corporation. Improvements in valve assemblies. (16th April 1968). Accepted on 15th January 1970.

Comprising a valve housing containing a valve member, a manifold housing having electrical conducting means, an encased electrically actuated means, a single electrical connector having a female and a male contact supporting component.

116788. The Dunlop Company Limited. Method of obtaining shaped blocks of porous plastics material. Accepted on 6th January 1970.

By laying flexible sheet on top of deformable plastic foam so as to adhere giving desired shape to its upper surface a severing to remove upper most portion of foam with adherant flexible sheet.

116789. The Dunlop Company Limited. Method of producing reinforced rubber articles. (21st July 1967). Accepted on 7th January 1970.

Comprises exposing polyester reinforcing textile to ultra-violet radiation assembling product with rubber containing aromatic polyhydroxy compound and formaldehyde generator and vulcanising.

116792. Westinghouse Electric Corporation. High voltage circuit interrupter of the dual bore type. Accepted on 15th January 1970.

Comprising terminal means, first and second opening, first and second conductor, fusible means, arcing means and terminal means.

116794. Esso Research and Engineering Company. Stable oil—dithiocarbamate dispersions, methods for their preparation, and methods for their use in increasing banana yield. Accepted on 13th January 1970.

Comprising a manganese ethylenebisdithiocarbamate-containing material including manganese ethylene bisdithiocarbamate, a hydrocarbon agricultural spray oil a lecithin, an emulsifier and water.

116830. Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Production of polymers with a fibrous structure. Accepted on 9th January 1970.

By irradiation of ethylenically unsaturated monomers in solutions with actinic-radiation, visible light radiation or high energy ionising radiation and the liquids are melted and separated off.

116847. CKD Praha Aborovy Podmik. A welder having a static supply circuit. Accepted on 13th January 1970.

Characterised in that it comprises a single phase thyristor inverter with forced commutation with a single phase transformer across the secondary winding of which a circuit of the working electrodes is connected.

116903. VEB Druckmaschinenwerk Planeta. A method and apparatus for clamping sheets of material. (30th May 1968). Accepted on 15th January 1970.
Comprising a gripper cradle carrying the gripper tongue and freely mounted on a gripper shaft, the gripper cradle being biased towards its gripping position by spring means, two parallel leaf springs to attach said tongue to the said cradle and a positioning bush rigidly secured to the shaft to control through a push rod acting on the tongue support the position of the tongue.
116978. B. Barthakur. Rolling bin for collection and transport of solids. Accepted on 8th January 1970.
A cylindrical bin closed at both ends but with an opening of suitable width along the length of the cylindrical bin, two equal rings of suitable diameter around the circumference at the two ends of the cylinder being firmly fitted, the two rings having annular slots of requisite length on the side of the lengthwise opening on the body of the cylindrical surface of the bin.
116980. Hindustan Lever Limited. Process for the preparation of dispersions of alkali metals suitable for the treatment of esters. Accepted on 8th January 1970.
Comprising extruding the metal through an orifice from which it emerges directly into a disperse liquid maintained at a temperature above the melting point of the alkali metal.
116997. Council of Scientific and Industrial Research. Iodine tablets. Accepted on 14th January 1970.
Comprises bleaching powder, potassium iodide and ammonium sulfate in the form of tablets.
117031. ACF Industries Incorporated. A diaphragm pump and a method of securing a lever pin in the pump. Accepted on 12th January 1970.
Comprising the steps of forming a pin receiving slot in a wall of the aperture, inserting a lever pin in said slot and securing said pin said slot.
117120. Libbey-Owens-Ford Glass Company. Inspection apparatus for drilled glass sheets. Accepted on 13th January 1970.
Characterized by means for applying an identifying mark to at least one surface of said sheet, and means responsive to the alignment of the drilled hole in said sheet with said protrusion when said sheet is in said predetermined position to initiate the application of said mark.
117162. Hindustan Lever Limited. Process for preparing fat emulsions. Accepted on 8th January 1970.
Comprising emulsifying a liquid fat with an aqueous dispersion of acylglycerophosphatide at least 10% of whose phosphatide is a monoacylglycerophosphatide whose acyl group is derived from a fatty acid having at least 8 carbon atoms.
117166. The Goodyear Tire & Rubber Company. Improvements in a pneumatic tire, a method of reducing the incidence of blows or blister defects therein and a reinforcement cord for use in pneumatic tire. Accepted on 14th January 1970.
Having reinforcement cords characterised by providing within said cords interfilamentary gas receiving void volume sufficient to accommodate gas present within the tire during the cure thereof.
117303. Imperial Chemical Industries Limited. New polyurethane lacquers. (31st August 1967). Accepted on 16th January 1970.
Comprises reacting polyisocyanate with at least 1.2 molecular proportion of phenol for each NCO group and then adding and interacting the aliphatic isocyanate reactive compound in an amount providing one isocyanate reactive H atom for each NCO group in the polyisocyanate charged.
117326. Ciba Limited. Hardenable composition. Accepted on 8th January 1970.
Comprising a 1, 2-epoxy compound, dicyandiamide and as accelerator, condensation product obtained by reacting phthalic anhydride and diethylenetriamine.
117458. Xerox Corporation. Camera-processor. Accepted on 6th January 1970.
In a light-tight box, an exposure station, a chamber having an aperture, juxtaposed to exposure station and engaging a frame of film after exposure, at the aperture in the chamber, indexing means for moving film from exposure station to the chamber and transport means to bring fluid/fluids to the aperture to contact the film.
117460. Messer Griesheim GMBH. Process for the liquefaction of oxygen and/or nitrogen produced by air rectification in case of fluctuating demand for separation products. Accepted on 14th January 1970.
Comprising the steps, that the portion of air produces cold by work-performing expansion in at least two machines, operating at different temperature levels, the oxygen or nitrogen is compressed and a part is cooled in counter current and is liquefied.
117464. Messer Griesheim GMBH. Process for the recovery of a krypton xenon mixture from air. Accepted on 14th January 1970.
Comprising the steps, a liquid bottom product such in oxygen and containing krypton, xenon and hydrocarbon is drawn off an air separation apparatus from which liquid the hydrocarbons then partly removed by adsorption and which is freed from oxygen by stepwise evaporation to an extent.
117599. N. V. Philips Gloeilampenfabrieken. Method of securing the ends of metal supporting rods for the electrodes of an electron gun in rods which consist at least partly of a thermoplastic insulating material. Accepted on 14th January 1970.
Consisting a thermoplastic insulating material, in which the insulating rod is heated in a mould and the supporting rods secured in a mould are forced into the soft insulating material with one extremity.
117682. V. S. Palepu. An improved device for mixing, churning or grinding materials. Accepted on 15th January 1970.
Comprises at least one rotatably mounted rod and at least one continuous coiled strip disposed around and over the length of said rod, means for rotating the rod, a plurality of vanes provided at one end of said rod and a removable container to contain material mixed.
118351. The Wheelabrator Corporation. Machine and methods for processing castings made in foundry molds. Accepted on 8th January 1970.
Tumbling the load to separate sand and debris, separating the large debris, then magnetically separating the magnetic particles from remainder, blasting the load with metallic abrasive while continuing to tumble the load, separating the debris and sand from the metallic abrasive.
118613. Burn & Co., Ltd. Process for the manufacture of high grade chrome-magnesite or magnesite-chrome refractories and refractory bricks made by such process. Accepted on 8th January 1970.
Comprising mixing raw magnesite with chromite grains sintering the mixture between 1650°C to 1750°C, crushing and grading the sinter, blending it with sintered magnesite, processing the blend under pressure and burning it at 1550 to 1700°C.
118638. Klockner-Humboldt-Deutz Aktiengesellschaft. Process for the continuous dehydration of hydrated oxides of aluminium. (5th September 1968). Accepted on 13th January 1970.
Characterised in that some of the hot alumina is withdrawn from the dehydration device and admixed with the moist raw material, alone or together with the dust separated out in a following dust separating device, before being fed to the dehydration device.

118705. Algemene Kunstzijde Unie N. V. A process for the manufacture of bituminous layers and plates reinforced with synthetic threads, as well as the products obtained by this process. Accepted on 13th January 1970.
Characterised in that the adhesion between the threads and the bitumen is obtained by the presence of a synthetic polymer.
118734. Burn & Company Limited. An improved process for the manufacture of shaped silica refractories from quartzite. Accepted on 8th January 1970.
Characterised in that quartzite is calcined at a temperature in the range of 1050 and 1250°C before the initial step of crushing.
118753. Anglo American Corporation of South America Ltd. Peeling cashew nut kernels. Accepted on 13th January 1970.
Forming a quantity of kernels into a bed and subjecting the bed to a blast of air from at least one side.
118755. Metallurgical Processes Limited and Imperial Smelting Corporation (N.S.C.) Limited. Improvements in or relating to centrifugal pumps. (16th February 1968). Accepted on 12th January 1970.
Comprising a driving shaft attached to an impeller rotating within a volute casing, then being no bearings and a relatively large clearance between the casing and the impeller or the driving shaft.
118760. Ciba Limited. Process for the manufacture of anthrimidecarbazoies. Accepted on 14th January 1970.
Acrbazolising anthrimides in the presence of aluminium chloride pyridine basis complex system in which the molar ratio of alumino chloride aluminium chloride pyridine base is within the range of from 0.3 to 1.
118871. Quinton Hezell Limited. Improvements relating to universal joints. (12th December 1967). Accepted on 8th January 1970.
The sleeve being made of a hard material and having a bore to enable the sleeve to be mounted on an arm of a spider of the universal joint, said sleeve having a circumferential surface.
118872. Chas. Pfizer & Co., Inc. Process for the preparation of diacyl peroxides and the compounds so prepared. Accepted on 13th January 1970.
Comprises contacting benzoic anhydride or a mixture of benzoic anhydride and benzaldehyde in the presence of an alkali or alkaline or alkaline inert medium containing a catalytic amount of an alkali or alkaline earth metal sulfates and benzoates and recovering benzoyl peroxide.
118885. Farbenfabriken Bayer Aktiengesellschaft. Process for the production of quinophthalone dyestuffs, the dyestuffs so produced and dyeing and printing hydrophobic materials therewith. Accepted on 14th January 1970.
3-acetylamino-phthalic acid is reacted with 3-hydroxy-quinoline.
118907. Toyo Rayon Company Limited, and Howa Machinery, Ltd. Method and device for clearing yarn defects of yarn in the break spinning. Accepted on 8th January 1970.
Having a slit gauge, a turnable feeler, a magnet valve and electrical means for dominating operation of the magnet valve.
118978. Okamoto Riken Gomu Company Limited. Method for manufacturing rubber condom, and apparatus therefor. Accepted on 7th January 1970.
Cleaning and drying glass molds suspended on an endless chain, repeatedly dipping said glass molds in rubber latex, drying the molds with rubber latex, rolling the latex layer at its base spraying soapsuds over the latex layer and stirring and drying said latex layer.
119012. S. S. Shah. Improvements in or relating to anchoring sleeve means for screw or the like. Accepted on 8th January 1970.
Comprising a V shaped groove extending from curved end of the sleeve to the other end carrying a collar in which the screw is fitted and a pair of slots extending from the curved end to the middle of the sleeve with annular ridges over a part of the outer wall of the sleeve.
119104. Societe Des Accumulateurs Fixes Et De Traction. Improvements in or relating to batteries of electrochemical generators. Accepted on 15th January 1970.
Battery made with flat constituents piled up in trays which are stacked, nested in each other and compressed, is covered by an extensible plastic sheath and is submitted by the latter to axial and radial compression, the dimensions of the sheath prior to mounting being less than that of the battery.
119150. N. V. Phillips Gloeilampenfabrieken. Method of making a component of an electric discharge tube consisting at least superficially of copper, suitable for the connection by means of spot welding. Accepted on 7th January 1970.
Copper surface is first oxidized and then reduced by heating it in a hydrocarbon atmosphere.
119216. The Sokai (Assam) Tea Company Limited. Tea drier tray scraper. Accepted on 14th January 1970.
Comprises a bent framework and a spring member, the scraper being adapted to be mounted from the upper end of the spring in the drier above the tray with the lower horizontal frame of the frame work more or less completely embedded in layer of tea-leaf in the tray.
119264. Farbenfabriken Bayer Aktiengesellschaft. 2, 4, 5, 6-tetrachloropyrimidine and process for its production. Accepted on 14th January 1970.
Treating 2, 4, 6-trichloropyrimidine with an excess of chlorine in the presence of metals or metal salts of the groups III to VIII of the periodic system at temperatures of about 60°C to about 260°C.
119511. The Dunlop Company Limited. Bonding rubber to textiles particularly regenerated and synthetic textile materials. Accepted on 12th January 1970.
Contacting unvulcanized rubber and the textile material wherein an aromatic polyhydroxy compound, a formaldehyde generator, and an isocyanate generator being included in the said rubber and vulcanizing the same.
119530. Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Nonaqueous liquid formulations containing pesticidally active ingredients. Accepted on 8th January 1970.
Containing polyhydric alcohols, fungicide/insecticide and cyclic ethers or triethers.
119589. Ciba Limited. Pigment preparations. Accepted on 12th January 1970.
Containing pigment and/or an optical brightener and a cellulose butyrate having butyryl content of at least 43% if desired acetyl content of at most 4.5% and a free hydroxyl content of 1.3—3%.
119733. Imperial Chemical Industries Limited. Extrusion of films and ribbons. (28th February 1968). Accepted on 12th January 1970.
Prior to extrusion from the die the molten material is temporarily divided into a number of smaller streams which are then combined in discrete side-by-side fashion before the combined stream issues from the die.
119741. Kumiai Chemical Industry Co., Ltd. Herbicidal compositions. Accepted on 12th January 1970.

- Comprising as active ingredient a mixture of S-(halogenated benzyl, or methylated benzyl) mono- or di-alkylthiocarbamate and 2-methyl thio-4, 6, bis alkyl- amino-5-triazine.
119747. B. P. Rao, G. S. R. Reddy and S. T. Rao. Improvements in or relating to bleaching of rice bran wax. Accepted on 12th January 1970.
- Agitating the crude wax in molten condition with nitric acid, removing the spent mineral acid, drying the bleached wax by melting and decanting the wax.*
119749. Fabricacion Espanola de Colchones Anatomicos. A mattress for clinical and other purposes. Accepted on 13th January 1970.
- Comprising lower flat base with two inclined upper surfaces and an upper flat at top and with two sloping surfaces on the underside corresponding to the said two inclined surfaces.*
119794. W. M. Shwayder. Method of disintegrating sintered hard carbide masses. Accepted on 8th January 1970.
- Dissolving the cobalt by immersing the mass in weak phosphoric acid at low temperature whereby the freed carbide particles suspend in the acid.*
119885. Joseph Lucas (Industries) Limited. Dynamo electric-machines. (23rd February 1968). Accepted on 8th January 1970.
- Comprising a rotor shaft carrying a permanent magnet rotor assembly and having a pair of bearing portions spaced apart by a central portion of non-magnetic material.*
119998. Hindustan Lever Limited. Process for the preparation of halogen containing derivatives of β -citronellol and production of synthetic rose oxide therefrom. (1st March 1968). Accepted on 8th January 1970.
- Reacting β -citronellol with chlorine or bromine in the presence of a reactive solvent and an acid acceptor.*
120003. C. A. Norgren Co. Aerosol generator. (15th May 1968). Accepted on 12th January 1970.
- Induction zone formed in the flow passage with liquid supply means, classifying means formed in the flow passage for coalescing larger liquid particles in the aerosol received from the induction zone.*
120146. Ruth Lea Hesse. Valve arrangement, especially for use in anaesthetic gas supply systems. (4th March 1968). Accepted on 14th January 1970.
- A blow off valve provided in the connection, between the rebreathing system and its environment, and a valve seat, a co-operating valve closing element and biasing means, a movable member having a surface exposed to the pressure prevailing in the gas circulation system and by force transfer means.*
120159. Farbwerke Hoechst Aktien-gesellschaft vormals Meister Lucius & Bruning. Moulding compositions containing thermoplastic polyesters and moulded articles made therefrom. Accepted on 15th January 1970.
- Thermoplastic moulding compositions comprising (a) linear, saturated polyesters of aromatic dicarboxylic acid and upto 10% by weight referred to the total amount of the dicarboxylic acid of aliphatic dicarboxylic acids with saturated aliphatic or cycloaliphatic diols and (b) 0.05 to 1.5% by weight of alkali metal salts of cyclic boric acid esters.*
120165. Allied Tube & Conduit Corporation. Method and apparatus for the continuous forming, galvanizing and colouring of tubing. Accepted on 12th January 1970.
- Characterized by the process for applying a color (comprising a diluent electroval agent and a resinous bases vehicle) coating rapidly heating the coated tubing to drive off diluent and harden the resin.*
120263. Svenska Aktiebolaget Broms regulator. Railway brake rigging with slack adjuster and disc brake. Accepted on 12th January 1970.
- Slack adjuster is of the automatic kind in which the slack adjustment is effected by altering the relative angular positions of two rotationally displaceable torque-transmitting elements and comprises a housing which constitutes a lever in the linkage and accommodates a worm meshing with a worm wheel.*
120338. Mefina S. A. Sewing machine. Accepted on 15th January 1970.
- Flaps are raised against the casing to form an enclosure and a lower position for using the sewing machine and including a hinge arrangement for each of the flaps.*
120447. N. S. Sathaye. Automatic calendar clock. Accepted on 14th January 1970.
- A first set of rollers on which is wound a first sheet depicting the dates of a month thereon, a second set of rollers on which is wound a second sheet depicting the days of a week thereon, a pawl actuated once in a twenty four hours by the clock mechanism to cause a ratchet to rotate.*
120448. N. S. Sathaye. Clock with a built-in-time switch. Accepted on 14th January 1970.
- A cam having a cut out on the circumference thereon and normally rotating with the hour arm shaft of the clock without any relative motion there- to but is capable of being advanced of the hour arm shaft so that it can be advanced of the hour arm shaft by an amount depending upon the said pre-set time and a time lever one end of which is urged against the circumference of the said cam while the other end is operatively connected to the micro switch.*
120592. Inventa A. G. Fur Forschung Und Patentverwertung. Improvements in or relating to mixing arrangement and process for continuous production of lactams. Accepted on 15th January 1970.
- Comprising a pipe constricted and then widens again by an angle β of not more than 15° and at the constriction of which nozzles having cylindrical extensions opens out in such manner that their axis form an angle α of $30-90^\circ$ with the direction of flow of the circulating product the nozzles connect the pipe to an annular chamber and being adapted to be closed by means of valve spindles having a conical tip and a cylindrical extension at their ends.*
120605. Imperial Chemical Industries Limited. Methanol production. (8th April 1968). Accepted on 13th January 1970.
- Comprises passing synthesis gas containing carbon dioxide over a methanol synthesis catalyst, cooling to remove part of methanol and water contained in the gas, scrubbing with a liquid to remove the remainder of methanol and recycling.*
120682. N. V. Philips Gloeilampenfabrieken. Method of manufacturing a glass ceramic material which is resistant to sodium vapour. Accepted on 7th January 1970.
- Characterised in that a glass which, by melting from a mixture having a composition in by weight calculated as an oxide is obtained within the limits,*
- | | | |
|--------------------------------|----------|--|
| Col | 24—50 | |
| Al ₂ O ₃ | 35—57, 5 | |
| MgO | 0—12 | |
| BaO | 0—16 | |
| Y ₂ O ₃ | 0—10 | |
| B ₂ O ₃ | 0—9 | B ₂ O ₃ +ZrO ₂ +Li ₂ O |
| ZrO ₂ | 0—17.5 | 3—20 |
| LiO | 0—3 | |
- is first heated for 30 to 120 minutes at a temperature between 700 and 900°C then for 0 to 120*

minutes between 900 and 1000°C and finally for 60 to 360 minutes between 1000 and 1200°C.

120789. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for the manufacture of fast dyeing and prints on materials containing hydroxy groups. Accepted on 14th January 1970.

Comprises applying onto the materials, in presence of alkaline agents, organic dyestuffs free from sulphonic and carboxylic acid groups capable of forming complex metal compounds and treating the product with metal-yielding agents in a neutral to weakly acid medium.

120958. Shackleton Aviation Limited. Device for lighting cold cathode gas discharge tubes. Accepted on 14th January 1970.

Having a circuit comprising an electronic inverter for producing an A. C. output from a D. C. input power source, including means, adaptable for connection to cold cathode discharge tube, a transformer, transistors and a diode.

120985. Unichem Laboratories Limited. A leak-proof drop-by-drop liquid dispenser. Accepted on 12th January 1970.

Characterized by the stopper comprising a hollow cylindrical barrel with a diameter smaller than that of the neck with a flange at its upper end and symmetrically located tapering nozzle above the flange.

121004. Societe Desforges et Ateliers Du Creusot. Improvements to bulb type generator sets. Accepted on 14th January 1970.

The hydraulic control jack for the control rod comprises a piston secured to the control rod and a cylinder coaxial with the primary shaft and secured thereto and the mechanism for driving the secondary shaft comprises at least one gear wheel secured to the secondary shaft and meshing with a primary gear wheel secured to the jack cylinder.

121345. Siemens Aktiengesellschaft. A resistance apparatus. Accepted on 9th January 1970.

Characterised in that the holding strips for the resistance elements are guided at their ends in holding bars of U-shaped cross section fixed to a rack by at least one adjustable pressure application device.

121489. R. A. Kipp. Air flotation separators. Accepted on 13th January 1970.

Including a removable shaker screw assembly in a shaker frame the discharge end of the assembly being adjustable in inclination.

121615. A. S. Lakshminpathy. A novel device for distributing fertiliser over fields and the like. Accepted on 8th January 1970.

A bin for containing fertiliser, and supported on a plurality of wheels and having a plurality of slot at its base, a rotatably mounted spindle carrying a plurality of sets of radial vanes and a plurality of feeder troughs having mouths located just below the said sets of vanes.

121735. Pirelli Societa Per Azioni. Radial cord carcass tyre beads. (18th April 1969). Accepted on 16th January 1970.

Each bead includes, besides the bead core and the carcass ply or plies and the turnup of each ply reinforcements and flippers.

122389. Tanzania Cashew Machines Limited. Cashew nut decorticating machine. (11th September 1968). Accepted on 7th January 1970.

A rotatable turret having three nut-holding devices equiangularly spaced about the axis of rotation, means for rotating the turret in step-wise manner, means at the first station for supplying a single nut to the nut holding device, means at the second station for cutting right round and

means at the third station for removing the grooved nut from the nut-holding device.

122505. T. K. H. Gounder, T. H. G. Sathyanarayanan, T. H. G. Parusotham, and (Mrs) Krishnaveni. Improvements in or relating to storage cabinets and the like. Accepted on 7th January 1970.

A housing comprising first and second sets of cubicles and at least one movably operable lid, a movably operable gate arrangement to cover, and uncover the base of the cubicle, an inclined chute having an upper end and a lower end, compartments communicating with the base of the cubicles of the second set.

122561. Standard Telephones and Cables Limited. Improvements in electric cables. (15th August 1968). Accepted on 12th January 1970.

Wrapping a metallic foil around the insulated cable core, extruding a plastics sheath over the foil, and bonding the plastics sheath to the foil by the application of heat to the foil.

122762. Farbenfabriken Bayer Aktiengesellschaft. Herbicidal compositions. [Divisional date 11th July 1968]. Accepted on 12th January 1970.

Containing as active ingredient an urea in admixture with a solid diluent or carrier or in admixture with the liquid diluent or carrier containing a surface active agent.

122764. Pilkington Brothers Limited. Improvements in or relating to the production of glass having desired surface characteristics. (16th August 1968). Accepted on 7th January 1970.

Production of glass having desired surface characteristics by a method of exposing a hot glass surface under oxidising conditions to a gaseous compounds in situ near the glass surface or desired surface finish is imparted to the glass by a chemical change of the glass surface brought about by migration of an oxidising product into the glass surface.

123405. Imperial Chemical Industries Limited. Catalytic process for the manufacture of pyridine and methylpyridines. (20th September 1967). [Divisional date 4th May 1968]. Accepted on 16th January 1970.

Comprises interacting acrolein with ammonia in presence of an oxide of calcium.

123406. Imperial Chemical Industries Limited. Catalytic process for the manufacture of pyridine and methylpyridines. (18th October 1967). [Divisional date 4th May 1968]. Accepted on 16th January 1970.

Comprises interacting acrolein with ammonia in presence of an oxide of barium.

123753. E. I. du Pont de Nemours and Company. Method of preparing novel herbicidal compositions. [Divisional date 17th April 1968]. Accepted on 16th January 1970.

Comprising a 3-substituted ureidocrotonamide, an inert diluent and a surfactant.

124663. Monsanto Company. Catalyst composition for use in the transformation of reactants and process for manufacturing same. [Divisional date 5th April 1968]. Accepted on 5th January 1970.

Comprises the combination of a rhodium component and a promoter substance selected from the group consisting of bromine iodine and compounds of said halogen.

124672. M. G. Kelkar. Improved device for protection of polyphase motors etc. on account of failure in one of the phases in a polyphase supply. Accepted on 3rd January 1970.

Comprising one electromagnetic coil per phase carrying a plunger closing a plurality of pairs of contact equal to the number of phases supplied to the apparatus, the coils being electrically inter-linked with the other coils.

125792. N. V. Philips Gloeilampenfabrieken. Circuit arrangement comprising a high voltage power transistor. Accepted on 15th January 1970.

Having an impedance formed by a coil connected in series between base electrode of a high voltage power transistor and a transformer winding in the control means supplying a switching signal between base and emitter of the transistor by said transformer winding.

Opposition Proceedings

(1)

Section 9

The opposition entered by F. L. Smidth & Co., A/S to the grant of a patent on application No. 77235 made by F. J. McEntee and notified in the Gazette of India, Part III, Section 2, dated the 15th June 1963, has been partly allowed and a patent has been ordered to be sealed on the said application subject to amendment of the specification.

(2)

Section 9

The opposition entered by Dr. Gowrishankar Panditrao Palnitkar to the grant of a patent on application No. 107473 to Amarnath Nilkanth Junnarkar has been disallowed and a patent has been ordered to be sealed on the said application.

(3)

An opposition has been entered by Tea Research Association to the grant of a patent on application No. 114869, made by Raja Rao Mahadeo Dongre

Correction of Clerical Error

(1)

Under Section 62 of the Indian Patents and Designs Act, 1911 certain clerical error occurring in the application, specification and Letters-Patent of patent No. 102506 was corrected on 5th January 1970.

(2)

Under Section 62 of the Indian Patents and Designs Act, 1911 certain clerical error occurring in the application, specification and drawings of patent application No. 111614 was corrected on 13th November 1969.

Patents Sealed

93342. 94630. 102070. 105147. 105148. 106559. 109107. 109780. 110032. 111083. 111210. 111280. 111298. 111351. 111455. 111668. 111821. 111822. 111823. 111944. 112086. 112111. 112191. 112209. 112320. 112332. 112337. 112403. 112408. 112440. 112513. 112558. 112579. 112648. 112730. 112774. 112775. 112822. 112894. 113065. 113130. 113132. 113195. 113290. 113323. 113425. 113428. 113449. 113473. 113476. 113485. 113500. 113502. 113512. 113515. 113536. 113541. 113561. 113564. 113573. 113626. 113652. 113677. 113678. 113689. 113878. 113879. 113889. 113972. 113992. 114057. 114084. 114106. 114183. 114282. 114314. 114322. 114325. 114445. 114528. 114718. 114758. 114921. 114925. 114949. 115040. 115121. 115241. 115350. 115375. 118720.

Amendment Proceedings

(1)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911 that Archer Daniels Midland Company, a Corporation of the State of Delaware, United States of America, having a place of business at 733 Marquette Avenue, Minneapolis, Minnesota 55440, United States of America, seek leave to amend the name, nationality & address of the applicant in the application and specification in respect of patent application No. 109106. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The

proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

(2)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911, that Farbwerke Hoechst Aktiengesellschaft Vormals Meister Lucius & Bruning, of 45 Bruningsstrasse, Frankfurt/Main, Federal Republic of Germany, Chemical Manufacturers, a corporation organised under the laws of the Federal Republic of Germany, seek leave to amend the figures of the drawings in respect of patent application No. 114962. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

Renewal Fees Paid

53489. 53673. 53680. 53707. 53732. 53753. 53763. 53767. 53768. 56392. 56545. 56613. 56627. 57498. 57499. 57874. 58826. 59382. 59383. 59430. 59431. 59432. 59452. 59485. 59516. 59613. 59617. 59695. 59696. 59769. 59922. 59930. 59987. 60254. 62590. 62879. 62952. 63012. 63016. 63017. 63018. 63046. 63094. 63106. 63134. 63149. 63150. 63151. 63165. 63313. 63446. 65170. 66545. 66561. 66567. 66603. 66618. 66682. 66705. 66721. 66731. 67127. 67315. 69226. 70321. 70322. 70323. 70324. 70417. 70438. 70490. 70536. 70545. 70547. 70548. 70561. 70580. 70591. 70629. 70674. 70675. 70676. 70684. 70696. 70715. 70722. 70774. 70843. 70844. 70909. 70910. 70956. 71012. 71143. 71253. 71467. 71544. 71644. 71917. 73616. 74884. 74948. 74962. 75128. 75161. 75164. 75198. 75212. 75218. 75247. 75278. 75280. 75341. 75342. 75379. 75384. 75420. 75450. 75467. 75474. 75496. 75445. 75557. 75627. 75913. 76725. 77414. 78199. 80041. 80070. 80091. 80220. 80309. 80383. 80384. 80430. 80431. 80511. 80521. 80566. 80587. 80628. 80699. 80828. 80846. 80897. 80974. 81000. 81017. 81111. 81150. 81352. 81422. 81939. 82114. 82149. 82361. 83945. 83946. 83555. 86020. 86163. 86203. 86220. 86246. 86336. 86338. 86342. 86400. 86416. 86461. 86541. 86566. 86567. 86568. 86581. 86582. 86614. 86620. 86622. 86626. 86707. 87082. 87187. 87508. 87562. 87701. 91512. 91528. 91822. 91858. 91906. 91913. 91914. 91951. 91967. 91996. 92054. 92058. 92059. 92081. 92086. 92092. 92115. 92116. 92134. 92143. 92146. 92154. 92156. 92177. 92189. 92214. 92215. 92219. 92223. 92244. 92269. 92328. 92329. 92346. 92353. 92376. 92424. 92441. 92455. 92457. 92458. 92461. 92520. 92653. 92655. 92901. 93022. 93277. 93357. 93688. 93816. 94469. 94846. 95716. 96444. 97172. 97245. 97244. 97282. 97325. 97331. 97334. 97335. 97357. 97384. 97402. 97455. 97495. 97498. 97510. 97537. 97609. 97633. 97671. 97677. 97707. 97715. 97748. 97766. 97767. 97768. 97810. 97824. 97826. 97840. 97872. 97873. 97928. 97937. 97940. 97964. 98000. 98009. 98031. 98077. 98133. 98260. 98261. 98262. 98360. 98364. 98439. 98453. 98509. 98605. 98628. 98629. 99083. 99479. 99523. 102917. 103092. 103110. 103111. 103112. 103174. 103220. 103348. 103382. 103411. 103442. 103458. 103462. 103527. 103581. 103582. 103653. 103654. 103702. 103718. 103719. 103741. 103742. 103779. 103782. 103792. 103793. 103811. 103813. 103817. 103821. 103850. 103854. 103891. 103894. 103895. 103896. 103904. 103911. 103946. 104033. 104042. 104046. 104050. 104162. 104187. 104194. 104199. 104229. 104278. 104303. 104341. 104362. 104504. 104512. 104555. 104604. 104646. 104965. 105693. 108897. 108977. 109079. 109099. 109127. 109219. 109243. 109304. 109330. 109352. 109381. 109667. 109666. 110188. 116225.

Cessation of Patents

69722. 69728. 69729. 69730. 69732. 69734. 69742. 82074.
82075. 82077. 82080.

Restoration Proceedings

(1)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patent :—

No. 53496—Industrial & General Engineering Co.

The patent ceased on the 6th January 1967, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India, dated the 3rd February 1968. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933, at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 7th March 1970.

(2)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patent :—

No. 92236—Naba Kumar Badopadhyay.

The patent ceased on 12th February 1968, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India, dated the 8th March 1969. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933, at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 14th March 1970.

(3)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patent :—

No. 93825—Biswaranjan Ray.

The patent ceased on the 19th May 1969, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India, dated the 27th December 1969. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933, at the Patent Office, 214, Lower Circular Road, Calcutta-17 on or before the 14th March 1970.

(4)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patent :—

No. 98515—Ganesh Raghunath Gokhale.

The patent ceased on 19th March 1969, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India, dated the 10th January 1970. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933, at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 14th March 1970.

(5)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patent :—

No. 100316—Westinghouse Electric Corporation.

The patent ceased on the 29th June, 1969, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India, dated the 10th January 1970. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents & Designs Rules, 1933, at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 14th March, 1970.

(6)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patent :—

No. 104066—Veb Hochvakuum Dresden.

The patent ceased on the 21st January 1969, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India, dated the 10th January 1970. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933, at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 14th March 1970.

Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 1. No. 136493. Shamalbhai Babubhai Mistry, An Indian Citizen, 288/4, C. S. T. Road, Kurla, Bombay-70, Maharashtra, India, "Sleeves", September 20, 1969.

Class 1 No. 136548 Mefina S. A., a corporation organized under the laws of Switzerland, 5, route de Beaumont, Fribourg, Switzerland, "Sewing machine", September 30, 1969.

Class 1. No. 136550. Mefina S. A., a corporation organized under the laws of Switzerland, 5, route de Beaumont, Fribourg, Switzerland "Sewing machine", October 3, 1969.

Class 1. No. 136576. Veela, (a proprietorship firm) Kerala Building, 3rd floor, Lohar Street, Bombay-2, "Key ring", October 7, 1969.

Class 1 No. 136656. Asrar Ahmad, trading as General Metal Works, Pul Kali Nadi, Bulandshahr, Uttar Pradesh, Indian National, "Domestic hand pump", October 31, 1969.

Class 1 No. 136758. (1) Suryadevara Ramachandra Rao, (2) Suryadevara Ravindra Nath, (3) Katragadda Satyanarayana, (4) Suryadevara Surash Babu, citizens of India, trading as Swatantra Enterprises Types founders and Block Makers, Buckinghampet, Vujayawada-2 (Andhra Pradesh), "Telugu types fonts," November 21, 1969.

Class 3. Nos. 136288 and 136289. Carona Sahu Co., Ltd., An Indian Limited Company, Registered under the Indian Companies' Act and having its Registered Office at : 221, Dr. D. N. Road, Fort, Bombay-1, Maharashtra, India, "A sole for footwear", August 6, 1969.

Class 3. No. 136324. Universal Footwear Co., an Indian partnership firm, 93, Queens Road, Bombay No. 1, Maharashtra State, "Sole of footwear", July 26, 1969.

Class 3. No. 136514. Step Cosmetics, 28, Western India House, Sir P. M. Road, Bombay-1 (Maharashtra), (Indian Partnership Firm), "Lipstick container", September 22, 1969.

Class 3. No. 136572. Balsara Hygiene Products, an Indian Partnership firm duly registered under the Indian Partnership Act and having its office at 43, Meadows Street, Fort, Bombay-1, State of Maharashtra, India, "A container", October 6, 1969.

Class 3. No. 136575. Inis Saxby And Christine Saxby, both Indian Nationals of Silver Oaks Estate, 45 J. Warden Road, Opposite Mafatlal Park, City of Bombay, State of Maharashtra, India, "Containers", October 6, 1969.

Class 3. Nos. 136648 to 136650. Murphy India Limited, an Indian company existing under the Companies Act, 1956 having its registered office at Shirodkar Road, Bombay-12, State of Maharashtra, India, "Radio cabinets and transistor cases", October 30, 1969.

Class 10. No. 136287. Carona Sahu Co., Ltd., An Indian Limited Company, Registered under the Indian Companies' Act and having its Registered office

at : 221, Dr. D. N. Road, Fort, Bombay-1, Maharashtra, India, "Footwear", August 6, 1969.

Class 10. No. 136536. Overseas Plastic Moulders, An Indian Partnership Firm, 47, Mahakali Mansion, Mumbai-devi Road, Bombay-3, Maharashtra, India, "Footwear", September 25, 1969.

Copyright Extended for a Second Period of Five Years

Design Nos. 120334, 121586, 120308 Class—1.

Design No. 120769—Class—3.

Copyright Extended for a Third period of Five Years

Design Nos. 120934, 120933 Class—3.

S. VEDARAMAN,

Controller General of Patents, Designs and Trade

Marks.